

CURRICULUM VITAE

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Education:

University of Minnesota, Ph.D., Plant Breeding – 1996
Utah State University, M.S., Plant Science – 1990
Utah State University, B.S., Plant Science - 1986

Professional Experience:

Associate Professor, Dept. of Horticultural Sciences, Texas A&M University, USA (2019 to present)

Technology Leader, North America (NA) Regional Crops and Global Technology Deployment, Corteva Agriscience, Agriculture Division of DowDuPont, USA (2017-2018)

Global Wheat and Sorghum Breeding Leader, Dow AgroSciences, USA (2016-2017)

Global Breeding Leader for Wheat, Dow AgroSciences, USA (2015-2017)

Wheat Breeder and Station Leader, Dow AgroSciences, USA (2013-2017)

Principal Scientist and Research Program Director – Dryland Cereals, Int. Crops Res. Inst. for the Semi-Arid Tropics (ICRISAT), India (2011-2012)

Principal Scientist and Global Theme Leader for Biotechnology, Int. Crops Res. Inst. for the Semi-Arid Tropics (ICRISAT), India (2010)

Associate Professor of Crop Science, Dept. of Crop and Soil Science, Oregon State University, USA (2004-2010)

Assistant Professor of Crop Science, Dept. of Crop and Soil Science, Oregon State University, USA (1998-2004)

Visiting Research Fellow, CIMMYT, International Maize and Wheat Improvement Center, Mexico (1990-1991)

Research Scientist, Plant, Soil, and Biometereology Department, Utah State University, USA (1990)

Research Agronomist, IBTA, Instituto Boliviano de Tecnologia Agropecuaria, Bolivia (1986)

Professional Activities:

Associate editor, Crop Science (2009-2015, 2017 to present)

Associate editor, BMC Genetics (2008 to present)

Honors and Awards:

Innovators' Day Award for Recognition of Innovative Scientific Contributions, Dow AgroSciences, Indianapolis, IN, May 2014, May 2015, and May 2016

Award of Excellence for contributions to the multi-state research program 'WERA-1009: Systems to Improve End-Use Quality of Wheat', The Western Association of Agricultural Experiment Station Directors, Colorado State University, Fort Collins, CO, July 2012.

Award for Contributions to the Development of 'ORCF-103', A CLEARFIELD Soft White Winter Wheat Variety, Wheat Breeding and Genetics Program, Dept. of Crop and Soil Science, Oregon State University, Corvallis, OR, March 2010.

Award for Contributions to the Development of 'ORCF-102', A CLEARFIELD Soft White Winter Wheat Variety, Wheat Breeding and Genetics Program, Dept. of Crop and Soil Science, Oregon State University, October 2007.

Award for Contributions to the Development of 'ORCF-101', A CLEARFIELD Soft White Winter Wheat Variety, Wheat Breeding and Genetics Program, Dept. of Crop and Soil Science, Oregon State University, October 2005.

Savery Outstanding Young Faculty Award, College of Agricultural Sciences, Oregon State University, October 2004.

Visiting Research Fellowship – International Maize and Wheat Improvement Center (CIMMYT), Mexico, 1990-1991.

International Student Presentation Award, 77th Annual Meeting of the Western Society of Crop Science, Montana State University, June 1989.

Leadership Award – College of Agriculture, Utah State University and Utah Farm Bureau Federation, November 1984.

Professional Membership:

American Society of Agronomy

Crop Science Society of America

Publications:

Journal articles

Tiwari, V.K., A. Heesacker, **O. Riera-Lizarazu**, H. Gunn, S. Wang, Y. Wang, Y.Q. Gu, E.Paux, D.-H. Koo, A. Kumar, M.-C. Luo, G. Lazo, R. Zemetra, E. Akhunov, B. Friebe, J. Poland, B.S. Gill, S. Kianian, and

- J.M. Leonard. 2016. A whole-genome, radiation-hybrid mapping resource of hexaploid wheat. *Plant J.* 86:195-207, doi: 10.1111/tpj.13153
- Kumari, B.R., M.A. Kolesnikova-Allen, C.T. Hash, S. Senthilvel, T. Nepolean, P.B. Kavi Kishor, **O. Riera-Lizarazu**, J.R. Witcombe and R.K. Srivastava. 2014. Development of a set of chromosome segment substitution lines in pearl millet [*Pennisetum glaucum* (L.) R. Br.]. *Crop Sci.* 54:2175-2182, DOI:10.2135/cropsci2013.09.0589.
- Varshney, R.K., R.R. Mir, S. Bhatia, M. Thudi, Y. Hu, S. Azam, Y. Zhang, D. Jaganathan, F.M. You, J. Gao, **O. Riera-Lizarazu**, and M.-C. Luo. 2014. Integrated physical, genetic and genome map of chickpea (*Cicer arietinum* L.). *Funct. Integr. Genomics* 14:59-73, DOI 10.1007/s10142-014-0363-6.
- Wang, G., J.M. Leonard, J. von Zitzewitz, C. J. Peterson, A.S. Ross, and **O. Riera-Lizarazu** . 2014. Marker–trait association analysis of kernel hardness and related agronomic traits in a core collection of wheat lines. *Mol Breed* 34:177-184, DOI 10.1007/s11032-014-0028-0.
- Roorkiwal, M., S.L. Sawargaonkar, A. Chitikineni, M. Thudi, R.K. Saxena, H.D. Upadhyaya, M.I. Vales, **O. Riera-Lizarazu**, and R.K. Varshney. 2013. Single nucleotide polymorphism genotyping for breeding and genetics applications in chickpea and pigeonpea using the BeadXpress platform. *Plant Genome* 6:1-10, DOI:10.3835/plantgenome2013.05.0017.
- Rajaram, V., T. Nepolean, S. Senthilvel, R.K. Varshney, V. Vadez, R.K. Srivastava, T.M. Shah, A. Supriya, S. Kumar, B.R. Kumari, A. Bhanuprakash, M.L. Narasu, **O. Riera-Lizarazu**, and C.T. Hash. 2013. Pearl millet [*Pennisetum glaucum* (L.) R. Br.] consensus linkage map constructed using four RIL mapping populations and newly developed EST-SSRs. *BMC Genomics* 14:159 DOI:10.1186/1471-2164-14-159.
- Morris, G.P., P. Ramu, S.P. Deshpande, C.T. Hash, T. Shah, H.D. Upadhyaya, **O. Riera-Lizarazu**, P.J. Brown, C.B. Acharya, S.E. Mitchell, J. Harriman, J.C. Glaubitz, E.S. Buckler, and S. Kresovich. 2013. Population genomic and genome-wide association studies of agroclimatic traits in sorghum. *Proc. Natl. Acad. Sci. USA* 110:453-458, DOI: 10.1073/pnas.1215985110.
- Tiwari, V.K., **O. Riera-Lizarazu**, H.L. Gunn, K.S. Lopez, M.J. Iqbal, S.F. Kianian, and J.M. Leonard. 2012. Endosperm tolerance of paternal aneuploidy allows radiation hybrid mapping of the wheat D-genome and a measure of γ ray-induced chromosome breaks. *PLoS ONE* 7(11): e48815, DOI:10.1371/journal.pone.0048815.
- Wang, G., J.M. Leonard, A.S. Ross, C.J. Peterson, R.S. Zemetra, K. Garland-Campbell, and **O. Riera-Lizarazu**. 2012. Identification of genetic factors controlling kernel hardness and related traits in a recombinant inbred population derived from a soft x 'extra-soft' wheat (*Triticum aestivum* L.) cross. *Theor. Appl. Genet.* 124:207–221, DOI:10.1007/s00122-011-1699-0.
- Vazquez, M. D., C.J. Peterson, **O. Riera-Lizarazu**, X. Chen, A. Heesacker, K. Ammar, J. Crossa, and C.C. Mundt. 2012. Genetic analysis of adult plant, quantitative resistance to stripe rust in wheat cultivar 'Stephens' in multi-environment trials. *Theor. Appl. Genet.* 124:1–11, DOI:10.1007/s00122-011-1681-x.
- Quincke, M.C., C.J. Peterson, R.S. Zemetra, J. L. Hansen, J. Chen, **O. Riera-Lizarazu** and C.C. Mundt. 2011. Quantitative trait loci analysis for resistance to *Cephalosporium* stripe, a vascular wilt disease of wheat. *Theor. Appl. Genet.* 122:1339-1349.

Riera-Lizarazu, O., J.M. Leonard, V.K. Tiwari, and S.F. Kianian. 2010. A method to produce radiation hybrids for the D genome chromosomes of wheat (*Triticum aestivum* L.). *Cytogenet. Genome Res.* 129:234-240.

Riera-Lizarazu, O., C. J. Peterson, G. Wang, J. M. Leonard. 2010. Registration of the OS9XQ36 mapping population of wheat (*Triticum aestivum* L.). *J. Plant Regist.* 4:98-102.

Kaeppler, S. , R. Tuberosa, N. Springer, R. Kowles, V. Peschke, C. Armstrong, M. Olsen, and **O. Riera-Lizarazu**. 2009. Ronald L. Phillips: pioneer, scholar, mentor, and gentleman. *Maydica* 54: 365-373

Gandhi, H., M.I. Vales, C.A. Mallory-Smith, and **O. Riera-Lizarazu**. 2009. Genetic structure of *Aegilops cylindrica* Host in its native range and in the United States of America. *Theor. Appl. Genet.* 119:1013-1025.

Kalavacharla, V. K. Hossain, **O. Riera-Lizarazu**, Y. Gu, S.S. Maan, and S.F. Kianian. 2009. Radiation hybrid mapping in crop plants. *Adv. Agron.* 102: 201-222.

Johnson, E.B., V.J. Nalam, R.S. Zemetra, and **O. Riera-Lizarazu**. 2008. Mapping the *compactum* locus in wheat (*Triticum aestivum* L.) and its relationship to other spike morphology genes of the Triticeae. *Euphytica* 163:193-201.

Riera-Lizarazu, O., M.I. Vales, and S.F. Kianian. 2008. Radiation hybrid (RH) and HAPPY mapping in plants. *Cytogenet. Genome Res.* 120: 233-240.

Balyan, H.S., N. Sreenivasulu, **O. Riera-Lizarazu**, P. Azhaguvel, and S. F. Kianian. 2008. Mutagenesis and high-throughput functional genomics in cereal crops: current status. *Adv. Agron.* 98:357-417.

Okagaki, R.J., M.S. Jacobs, A.O. Stec, R.G. Kynast, E. Buescher, H.W. Rines, M.I. Vales, **O. Riera-Lizarazu**, M. Schneerman, G. Doyle, K.L. Friedman, R.W. Staub, D.F. Weber, T.L. Kamps, I.F.E. Amarillo, C.D. Chase, H.W. Bass, R.L. Phillips. 2008. Maize centromere mapping: a comparison of physical and genetic strategies. *J. Hered.* 99:85-93.

Leonard, J.M., C.J.W. Watson, A. Carter, J. Hansen, R.S. Zemetra, D.K. Santra, K.G. Campbell, and **O. Riera-Lizarazu**. 2008. Identification of a candidate gene for the wheat endopeptidase *Ep-D1* locus and two other STS markers linked to the eyespot resistance gene *Pch1*. *Theor. Appl. Genet.* 116:261-270.

Nalam, V.J., M.I. Vales, C.J.W. Watson, E.B. Johnson, and **O. Riera-Lizarazu**. 2007. Map-based analysis of genetic loci on chromosome 2D that affect glume tenacity and threshability, components of the free-threshing habit in common wheat (*Triticum aestivum* L.). *Theor. Appl. Genet.* 116:135–145.

Start, M.A., J. Luby, D. Filler, **O. Riera-Lizarazu**, and R. Guthrie. 2007. Ploidy levels of cold-hardy Actinidia accessions in the United States determined by flow cytometry. *Acta Hort.* 753:161-168.

Gandhi, H., C.A. Mallory-Smith, C.J.W. Watson, M.I. Vales, R.S. Zemetra, and **O. Riera-Lizarazu**. 2006. Hybridization between wheat and jointed goatgrass (*Aegilops cylindrica*) under field conditions. *Weed Science* 54:1073-1079.

Kalavacharla, V., K.G Hossain, Y. Gu, **O. Riera-Lizarazu**, M.I. Vales, S. Bhamidimarri, J.L. Gonzalez-Hernandez, S.S. Maan, and S.F. Kianian. 2006. High-resolution radiation hybrid map of wheat chromosome 1D. *Genetics* 173:1089-1099.

- Perez-Jones, A. C.A. Mallory-Smith, **O. Riera-Lizarazu**, C.J.W Watson, Z. Wang, M. Rehman, and R.S. Zemetra. 2006. Introgression of a strawbreaker foot rot (*Pseudocercospora herpotrichoides*) resistance gene from winter wheat (*Triticum aestivum*) into jointed goatgrass (*Aegilops cylindrica*). *Crop Sci.* 46:2155-2160.
- Nalam, V.J., M.I. Vales, C.J.W. Watson, S.F. Kianian and **O. Riera-Lizarazu**. 2006. Map-based analysis of genes affecting the brittle rachis character in tetraploid wheat (*Triticum turgidum* L.). *Theor. Appl. Genet.* 112: 373–381.
- Gandhi, H., M.I. Vales, C.J.W. Watson, C.A. Mallory-Smith, N. Mori, M. Rehman, R.S. Zemetra, and **O. Riera-Lizarazu**. 2005. Chloroplast and nuclear microsatellite analysis of *Aegilops cylindrica*. *Theor. Appl. Genet.* 111: 561–572.
- Vales, M.I., **O. Riera-Lizarazu**, H.W. Rines, and R.L. Phillips. 2004. Transmission of maize chromosome 9 rearrangements in oat-maize radiation hybrids. *Genome* 47: 1202–1210.
- Hossain, K.G., **O. Riera-Lizarazu**, V. Kalavacharla, M.I. Vales, S.S.Maan, S.F. Kianian. 2004. Radiation hybrid mapping of the species cytoplasm specific (*scs^{ae}*) gene in wheat. *Genetics* 168: 415-423.
- Hossain, K.G., **O. Riera-Lizarazu**, V. Kalavacharla, M.I. Vales, J.L. Rust, S.S.Maan, and S.F. Kianian. 2004. Molecular cytogenetic characterization of an alloplasmic durum wheat line with a portion of chromosome 1D of *Triticum aestivum* carrying the *scs^{ae}* gene. *Genome* 47: 206-214.
- Jantasuriyarat, C., M. I. Vales, C.J.W. Watson, and **O. Riera-Lizarazu**. 2004. Identification and mapping of genetic loci affecting free-threshing habit and spike compactness in wheat (*Triticum aestivum* L.). *Theor. Appl. Genet.* 108: 261-273.
- Kroiss, L.J., P. Tempalli, J.L. Hansen, M.I. Vales, **O. Riera-Lizarazu**, R.S. Zemetra, and C.A. Mallory-Smith. 2004. Marker-assessed retention of wheat chromatin in wheat (*Triticum aestivum*) by jointed goatgrass (*Aegilops cylindrica*) backcross hybrids. *Crop Sci.* 44: 1429-1433.
- Matus, I., A. Corey, T. Filichkin, P. M. Hayes, M. I. Vales, J. Kling, **O. Riera-Lizarazu**, K. Sato, W. Powell, and R. Waugh. 2003. Development and characterization of recombinant chromosome substitution lines (RCSLs) using *Hordeum vulgare* subsp. *spontaneum* as a source of donor alleles in a *Hordeum vulgare* subsp. *vulgare* background. *Genome* 46:1010-1023.
- Morrison, L.A., **O. Riera-Lizarazu**, L. Cremieux, and C.A. Mallory-Smith. 2002. Jointed goatgrass (*Aegilops cylindrica* Host) x wheat (*Triticum aestivum* L.) hybrids: hybridization dynamics in Oregon wheat fields. *Crop Sci.* 42:1863-1872.
- Smiley, R., J. Peterson, J. Gourlie, R. Whittaker, L. Patterson, S. Easley, D. Thompson, K. Rhinhart, and **O. Riera-Lizarazu**. 2002. Influence of Fusarium crown rot on yield of winter and spring wheat. *Biol. & Cult. Tests for Control of Plant Dis.* 17:S07. doi:10.1094/BC17
- Costa J. M., A. Corey, P. M. Hayes, C. Jobet, A. Kleinhofs, A. Kopsch-Obusch, S. F. Kramer, D. Kudrna, M. Li, **O. Riera-Lizarazu**, K. Sato, P. Szucs, T. Toojinda, M.I. Vales, and R.I. Wolfe. 2001. Molecular mapping of the Oregon Wolfe Barleys: an exceptionally polymorphic doubled-haploid population. *Theor. Appl. Genet.* 103:415-424.
- Kynast, R.G., **O. Riera-Lizarazu**, M.I. Vales, R.J. Okagaki, S.B. Maquieira, G. Chen, E.V. Ananiev, W.E. Odland, C.D. Russell, A.O. Stec, S.M. Livingston, H.A. Zaia, H.W. Rines, and R.L. Phillips. 2001. A

complete set of maize individual chromosome additions to the oat genome. *Plant Physiology* 125:1216-1227.

Li, L.J., K. Arumuganathan, H.W. Rines, R.L. Phillips, **O. Riera-Lizarazu**, D. Sandhu, Y. Zhou, and K.S. Gill. 2001. Flow cytometric sorting of maize chromosome 9 from an oat-maize chromosome addition line. *Theor. Appl. Genet.* 102:658-663.

Rahman, M., C.C. Mundt, T.J. Wolpert, and **O. Riera-Lizarazu**. 2001. Sensitivity of wheat genotypes to a toxic fraction produced by *Cephalosporium gramineum* and correlation with disease susceptibility. *Phytopathology* 91:702-707.

Bass, H.W., **O. Riera-Lizarazu**, E.V. Ananiev, S.J. Bordoli, H.W. Rines, R.L. Phillips, J.W. Sedat, D.A. Agard, and W.Z. Cande. 2000. Evidence for the coincident initiation of homolog pairing and synapsis during the telomere-clustering (bouquet) stage of meiotic prophase. *J. Cell Sci.* 113:1033-1042.

Muehlbauer, G.J., **O. Riera-Lizarazu**, R.G. Kynast, D. Martin, R.L. Phillips, and H.W. Rines. 2000. A maize-chromosome 3 addition line of oat exhibits expression of the maize homeobox gene *liguleless3* and alterations of cell fates. *Genome* 43:1055-1064.

Riera-Lizarazu, O., M. I. Vales, E. V. Ananiev, H. W. Rines and R. L. Phillips. 2000. Production and characterization of maize chromosome 9 radiation hybrids derived from an oat-maize addition line. *Genetics* 156:327-339.

Ma, H. R.H. Busch, **O. Riera-Lizarazu**, H.W. Rines, and R. Dill-Macky. 1999. Agronomic performance of lines derived from anther culture, maize pollination and single seed descent in a spring wheat cross. *Theor. Appl. Genet.* 99:432-436.

Ananiev, E.V., **O. Riera-Lizarazu**, H.W. Rines, and R.L. Phillips. 1997. Oat-maize chromosome addition lines: a new system for mapping the maize genome. *Proc. Natl. Acad. Sci., USA* 94:3524-3529.

Riera-Lizarazu, O., H.W. Rines, and R.L. Phillips. 1996. Cytological and molecular characterization oat x maize partial hybrids. *Theor. Appl. Genet.* 93:123-135.

Mujeeb-Kazi, A., A. Cortes, and **O. Riera-Lizarazu**. 1995. The cytogenetics of a *Triticum turgidum* x *Psathyrostachys juncea* hybrid and its backcross derivatives. *Theor. Appl. Genet.* 90:430-437.

Riera-Lizarazu, O., and A. Mujeeb-Kazi. 1993. Polyhaploid production in the Triticeae: wheat x *Tripsacum* crosses. *Crop Sci.* 33:973-976.

Riera-Lizarazu, O., W.G. Dewey, and J.G. Carman. 1992. Gibberellic acid and 2,4-D treatments for wheat x barley hybridization using detached spikes. *Crop Sci.* 32:108-114.

Riera-Lizarazu, O., A. Mujeeb-Kazi, and M.D.H.M. William. 1992. Maize (*Zea mays* L.) mediated polyhaploid production in some Triticeae using a detached spike method. *J. Genet. & Breed.* 46:187-192.

William, M.D.H.M., **O. Riera-Lizarazu**, and A. Mujeeb-Kazi. 1992. A combination of protein electrophoretic techniques for the detection of 1B, 1B/1R heterozygotes in *Triticum aestivum* L. *J. Genet. & Breed.* 46:137-142.

Carman, J.G., C.F. Crane, and **O. Riera-Lizarazu**. 1991. Comparative histology of cell walls during meiotic and apomeiotic megasporogenesis in two hexaploid Australasian *Elymus* species. *Crop Sci.* 31:1527-1532.

Jauhar, P.P., **O. Riera-Lizarazu**, W.G. Dewey, B.S. Gill, C.F. Crane, and J.H. Bennett. 1990. Chromosome pairing relationships among A, B, and D genomes of bread wheat. *Theor. Appl. Genet.* 82:441-449.

Riera-Lizarazu, O., and A. Mujeeb-Kazi. 1990. Maize (*Zea mays* L.) mediated wheat (*Triticum aestivum* L.) polyhaploid production using various crossing methods. *Cereal Res. Commun.* 18:339-345.

Book chapters

Mir, R.R., P.J. Hiremath, **O. Riera-Lizarazu**, and R.K. Varshney. 2013. Evolving molecular marker technologies in plants: from RFLPs to GBS. *In: T. Lübberstedt, and R.K. Varshney (eds.), Diagnostics in Plant Breeding.* p 229-247. Springer, Dordrecht, Netherlands.

Kynast, R., and **O. Riera-Lizarazu**. 2011. Development and use of oat-maize chromosome additions and radiation hybrids. *In: J.A. Birchler (ed.), Plant Chromosome Engineering: Methods and Protocols. Methods in Molecular Biology.* p. 259-284. Volume 701. Humana Press, New York, USA

Riera-Lizarazu, O., J.M. Leonard, V.K. Tiwari, and S.F. Kianian. 2010. A method to produce radiation hybrids for the D genome chromosomes of wheat (*Triticum aestivum* L.). *In: J.A. Birchler and J.C. Pires (eds.), Advances in Plant Cytogenetics.* S. Karger Medical and Scientific Publishers, Basel, Switzerland.

Riera-Lizarazu, O., M.I. Vales, and S.F. Kianian. 2008. Radiation hybrid (RH) and HAPPY mapping in plants. *In: M.J. Puertas and T. Naranjo (eds.), Reviews in Plant Cytogenetics.* p. 45-52. S. Karger Medical and Scientific Publishers, Basel, Switzerland.

Vasal, S.K., **O. Riera-Lizarazu**, and P.P. Jauhar. 2006. Genetic enhancement of maize by cytogenetic manipulation, and breeding for yield, stress tolerance, and high protein quality. *In: R.J. Singh and P.P. Jauhar (eds.), Genetic Resources, Chromosome Engineering, and Crop Improvement.* p. 159-197. Volume 2 - Cereals. CRC Press, Boca Raton. FL. USA.

Riera-Lizarazu, O., M.I. Vales, and R.L. Phillips. 2001. A compendium of molecular genetic maps of cultivated plants. *In R.L. Phillips, and I.K. Vasil (eds.), DNA-Based Markers in Plants.* p. 463-497. *Advances in Cellular and Molecular Biology of Plants.* Kluwer Academic Publishers, Dordrecht.

Rines, H.W., **O. Riera-Lizarazu**, V.M. Nunez, D.W. Davis, and R.L. Phillips. 1997. Oat haploids from anther culture and from wide hybridization. *In: H.K. Jain, S.L. Sopory, and R.E. Veilleux (eds.), In Vitro Haploid Production in Higher Plants, Vol. 4,* p. 205-221. Kluwer Academic Publishers, Dordrecht, The Netherlands.

Mujeeb-Kazi, A., and **O. Riera-Lizarazu**. 1996. Polyhaploid production in the Triticeae by sexual hybridization. *In: H.K. Jain, S.L. Sopory, and R.E. Veilleux (eds.), In Vitro Haploid Production in Higher Plants, Vol. 1,* p.275-296. Kluwer Acad. Publishers, Dordrecht, The Netherlands.

Rines, H.W., **O. Riera-Lizarazu**, and R.L. Phillips. 1995. Disomic maize chromosome-addition oat plants from oat x maize crosses. *In*: K. Oono and F. Takaima (eds.), *Modification of Gene Expression and Non-Mendelian Inheritance*, p. 235-251. Natl. Inst. Agrobiol. Resources, Tsukuba, Japan.

Mujeeb-Kazi, A., **O. Riera-Lizarazu**, and M.D.H.M. William. 1995. Production of polyhaploid wheat plants using maize and *Tripsacum*. *In*: A. Mujeeb-Kazi, and G.P. Hettel (eds.), *Utilizing Wild Grass Biodiversity in Wheat Improvement: 15 Years of Wide Cross Research at CIMMYT*, p. 47-65. CIMMYT Research Report No. 2, Mexico, D.F.: CIMMYT.

Symposia and proceedings articles

Vazquez, M. D.; A. Heesacker; C.J. Peterson; X. Chen; K. Ammar; C. Mundt; J.M. Leonard and **O. Riera-Lizarazu**. 2009. Quantitative trait loci for adult-plant resistance to stripe rust in a recombinant inbred line population derived from a Stephens × Platte cross. *In* R. McIntosh (ed.) *Proceedings, oral papers and posters, Technical Workshop, Borlaug Global Rust Initiative*, p. 246, 17-20 March, Cd. Obregón, Sonora, Mexico.

Michalak, M., A. Kumar, **O. Riera-Lizarazu**, Y. Gu, E. Paux, F. Choulet, C. Feuillet, S. Kumar, A. Goyal, V. Tiwari, M. Dogramaci, J. Hegstad, A. Peckrul, V. Kalavacharla, K. Hossain, H.S. Balyan, H.S. Dhaliwal, P.K. Gupta, G.S. Randhawa, S.S. Maan, and S.F. Kianian. 2008. High-resolution radiation hybrid mapping in wheat: an essential tool for the construction of the wheat physical maps. *In*: R. Appels, R. Eastwood, E. Lagudah, P. Langridge, M. Mackay Lynne (eds.), *Proceedings of the 11th International Wheat Genetics Symposium*, August 24-29, Brisbane, Qld., Australia.

Zemetra, R.S., J.L. Hansen, T. Koehler, J. Chen, **O. Riera-Lizarazu**, J. Leonard, M. Quincke, C.J. Peterson, C.C. Mundt, K.G. Campbell, and X. Chen. 2008. Creation of a multiple-use recombinant inbred line population for the development of molecular markers in soft white winter wheat. *In*: Rudi Appels Russell Eastwood Evans Lagudah Peter Langridge Michael Mackay Lynne (eds.), *Proceedings of the 11th International Wheat Genetics Symposium*, August 24-29, Brisbane, Qld., Australia.

Kianian, S.F., K.G. Hossain, **O. Riera-Lizarazu**, V. Kalavacharla, and M.I. Vales. 2003. Radiation hybrid mapping of a species cytoplasm specific (*scs^{ae}*) gene in wheat. *In*: N.E. Pogna, M. Romano, E.A. Pogna, and G. Galterio (eds.), *Proceedings of the 10th International Wheat Genetics Symposium*, p. 497-499, September 1-6, Paestum, Italy.

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